Work Orde		00286		*100	1286*						Page 1
Item ID: Revision ID: Item Name:	D4034-043 Fwd Upper R	Rib Assembly		Accept	*N900	<b>040</b>	100	)* 5	Setup Star Stop	I VI	S1* S2*
	4/22/13	Start Qty: 4.00	*4*		Cust Item I	D:					
Required Date: Reference:	4/22/13	Req'd Qty: 4.00	*4*		Customer:	•					
Approvals:	Process Pl	an: <u>M</u> しろ	Date: 13-04-79	( Tooling:	D:	ate:		F	Run Star	1/1	R1*
	QC:		Date:	<b>SPC (Y/N):</b>	Da	ate:			Stop	' *N	R2*
Sequence ID/ Work Center II	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Re	vision Nbr									
D4034	PC	B M13	.04.25								
100		Weld per dwg A/R S.S	,04.25 . rod Batch: <u>B/248/6</u>	0.00				$\sim$			
*100* Large Fab				0.00				(4x)	<u>C</u> C	13-5	- /
Large Fab		Memo 1- Assemble	e ribs to hoop and weld as p								•
			shing in rib as per dwg	C							
110		QC9- Inspect visual per	OSI004- Fusion Welds	0.00							
*110*		Ç						$\mathcal{L}_{\mathcal{L}}$	13.00	200	DAG!
QC		Memo		0.00						, <u> </u>	3.83
Quality Control											
120		QC5- Inspect part comp	leteness to step on W/O	0.00				_			
*120*		Memo		0.00				<u> </u>	) <u>B-c</u>	<u>CO.</u> 2	DAG -

Quality Control

									DQA:	Date	:	
NCR: Ye	es / No				WORK ORDER NON-C	ONFOR	MANCE / UPI	DATE				
									QA Closed:	Date		
Work Order	r:				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
Part No	0.				Rework Scrap Use-as-is Work Order Update	Ther	Skid-tube  Machining moforming Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other	
Root				Descri	otion of work order update	Initial	Act	tion	Sign &			
Cause	Date	Step	Qty	(	or Non-conformance	Chief En	g Desci	ription	Date	Verification	QC Inspector	
Ooc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training												
Unapproved	-											
			1		F	AULT CAT	EGORY		<u> </u>	<u> </u>		
Landin	g Gear		-		General							
9	Bending Centre No Cracks	ot Conce	ntric to (	o/s	Bend BOM/Route Broken/Damaged	Grain Hardw			Ovalized Over/Under Part Incorre	<b>-</b>	Pressure/Forced Temperature/Cure Weld	
ರ್[	Crushed/0	Crimped.			Burrs	Instru	ctions Incomplete/I	Unclear	Part Lost/M	issing	Wrong Stock Pulled	
	Cuffs	1			Contamination	Main	tenance		Part Moved			
	Heat Trea	t			Countersink	Mislat	oeled		Positioned \	Wrong	<del></del> ,	
	Inspection	n Strip in	Tube		Cut Too Short	Misre	ad		Power Loss/	'Surge	Other	
Γ	Ripples in	Bend			Drill Holes	Offset						
	Torque W	aves in E	extrusio	n [	Drawing	Out of	Calibration					
. [	Turning Sequence				Finish	Out of	Out of Sequence					

Outside Dimensions

Wave/Twist in Tube

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

QC

Quality Control

Page 2 April-22-13 12:52:46 PM Accept \*N900040100\* D4034-043 Item ID: Setup Start **Revision ID:** Fwd Upper Rib Assembly Item Name: \*4\* 4/22/13 Start Qty: 4.00 **Start Date: Cust Item ID:** Required Date: 4/22/13 Req'd Qty: 4.00 **Customer:** Reference: Run Start Date:\_\_\_\_\_ Approvals: **Tooling:** Process Plan: Date: Stop Date:\_\_\_\_\_ SPC (Y/N): Date: Tool ID Tool # Plan Reject Sequence ID/ Operation Set Up/ Accept Reject Insp. Qty Qty **Work Center ID Description Run Hours** Code Number Stamp Identify as per dwg & Stock Location: 0.00 130 (4) 13-05-02 \*130\* 0.00 Packaging Memo Packaging 140 OC21- Final Inspection - Work Order Release 0.00 MC513-05-06 \*140\*

0.00

Memo

									DQA:	Date:	
NCR: Yes	s / No			WORK ORDER NO	N-CON	FORM	иANCE / UP	DATE	QA Closed:	Date:	
Work Order:				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	,
Part No.				Rewor Scra	р	ı	Skid-tube Machining	Crosstube Small Fab		Water Jet d. Eng. Coor.	Engineering Quality
NCR No.	·			Use-as- Work Order Updat	<b>├  1</b>	Therm	Large Fab	Finishing Composite	Rec/Stoi	e/Packaging Supplier	Other
Root				Description of work order upda	ite Ir	nitial	Ac	tion	Sign &		
Cause	Date	Step	Qty	or Non-conformance	Chi	ef Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling		1		·							
Operator	]										
Material											
Setup						•					
Other								,			
Process											

**FAULT CATEGORY Landing Gear** General Grain Pressure/Forced Bend Ovalized Bending BOM/Route Over/Under tolerance Temperature/Cure Centre Not Concentric to O/S Hardware Cracks Broken/Damaged Inspection Incomplete Part Incorrect Weld Wrong Stock Pulled Crushed/Crimped. Instructions Incomplete/Unclear Part Lost/Missing Burrs Part Moved Cuffs Contamination Maintenance Positioned Wrong Heat Treat Countersink Mislabeled Other Power Loss/Surge Inspection Strip in Tube Cut Too Short Misread Drill Holes Ripples in Bend Offset Torque Waves in Extrusion Drawing Out of Calibration Turning Sequence Finish Out of Sequence Folio Wave/Twist in Tube **Outside Dimensions** 

Supplier Training Unapproved

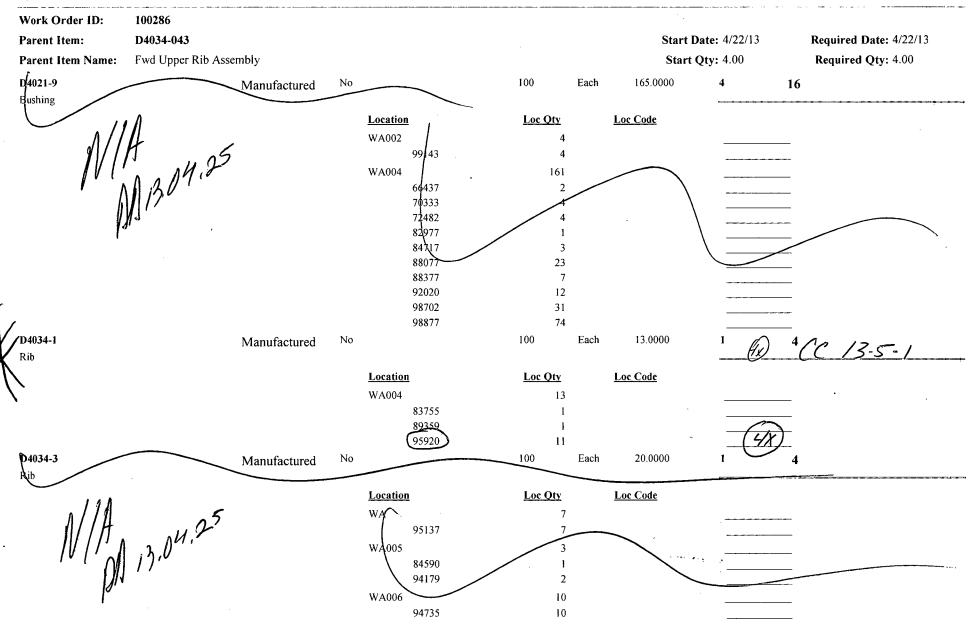
H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Order ID: Parent Item: Parent Item Name:	100286 D4034-043 Fwd Upper Rib Ass	embly							rt Date: 4/22/1:	3	Required Da		′13
Comments:	IPP RevA: new issu verified by:EC Rev:D 13.03.14 At	IPP Rev:C	11.01.	19 AS PER D	WG REV.B	as per dwg r DD VERF:E		15					
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Stat
D4021-7 Hoop	113,04,25	Manufactured	No	Location WA004  6648 7921 8346 8655 8823 8978 9078 9808 9875  Location WA004  8842 9756 9772	3 54 56 66 68 66 66 68 66 68 68 68 68 68 68 68	100  Loc Oty  316  1  7  20  3  31  11  30  240  100  Loc Oty  9  3  4  2	Each  Lo B / 004	9.0000  c Code  9.0000		4	CC	/3-5	-/
,04.25.X	12327	1-3		gty	/	Batt	leh: B	18938	P4 (4	D	CC /	3-5-	. /

										DQA:	Date:	
NCR: Y	es / No				<b>WORK ORDER NON-</b>	CONF	ORMANCE	E / UP	DATE			
	*			<del></del>				and a		QA Closed:	Date	
Work Orde	r·				DISPOSITION	į			AGAINST D	EPARTMENT	/PROCESS	
WOIR OIGE	' -				Rework	7	Skid-tub	oe 🗌	Crosstube	٦	Water Jet	Engineering
Part N	Part No.				Scrap	7	Machinir	——.	Small Fab	Pro	d. Eng. Coor.	Quality
					Use-as-is	<b> </b>   T	hermoformir	ng	Finishing	Rec/Sto	re/Packaging	Other
NCR N	0				Work Order Update	]	Large Fa	ab 🔙	Composite		Supplier	
		T	· · · · · ·								T	7
Root	_		_		iption of work order update	Initi			tion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief	Eng	Desci	ription	Date	Verification	QC Inspector
Doc/Data	_	1								İ		
quip/Tooling												
Operator							ļ					
Material	_											
Setup										ļ		
Other												
rocess												
Supplier												
Fraining							İ					
Inapproved												
						FAULT C	ATEGORY					•
Landin	g Gear				General						·	_
ſ	Bending				Bend	Gr	ain			Ovalized		Pressure/Forced
	Centre N	ot Conce	ntric to	o/s	BOM/Route	На	rdware			Over/Under	tolerance	Temperature/Cure
	Cracks	1			Broken/Damaged	Ins	pection Incom	ıplete		Part Incorre	ct	Weld
	Crushed/	Crimped	-		Burrs	Ins	tructions Inco	mplete/	Unclear	Part Lost/M	issing	Wrong Stock Pulled
<b>-</b>	<b>⊣</b> , , , `	Ì		<u> </u>	╡。	<b>—</b>			-	ㄱ		- '

		Crushed/Crimped.	Burrs	instructions incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled
		Cuffs	Contamination	Maintenance	Part Moved	
		Heat Treat	Countersink	Mislabeled	Positioned Wrong	_
		Inspection Strip in Tube	Cut Too Short	Misread	Power Loss/Surge	Other
		Ripples in Bend	Drill Holes	Offset		
		Torque Waves in Extrusion	Drawing	Out of Calibration		
		Turning Sequence	Finish	Out of Sequence		
		Wave/Twist in Tube	Folio	Outside Dimensions		
:/FORMS/Qua	lity	Assurance\approved QA/NCRWO Rev G				
		1				

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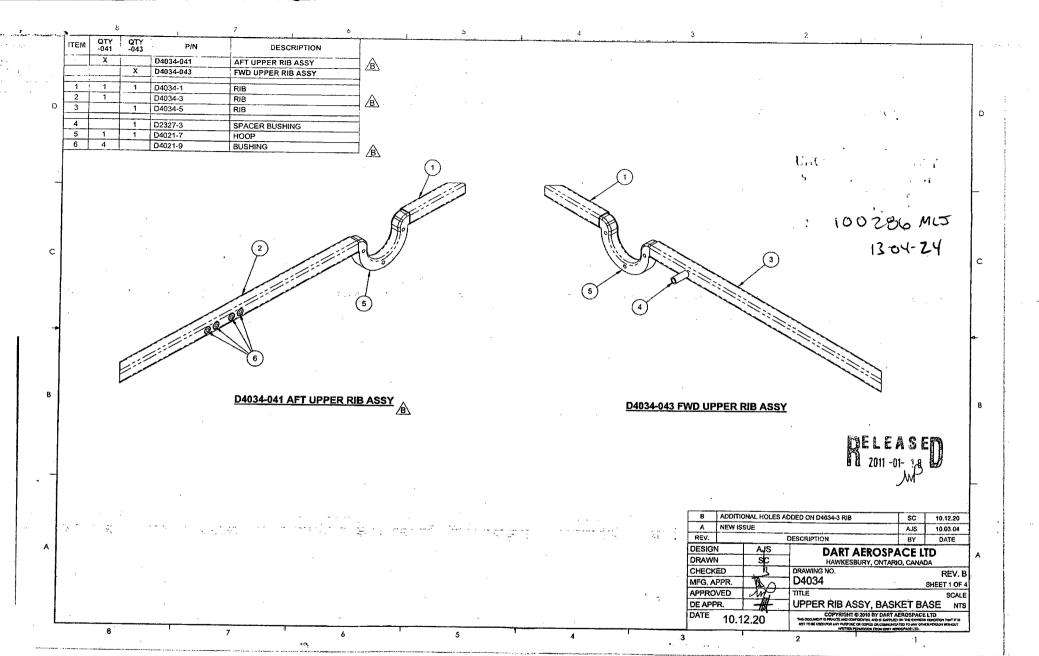


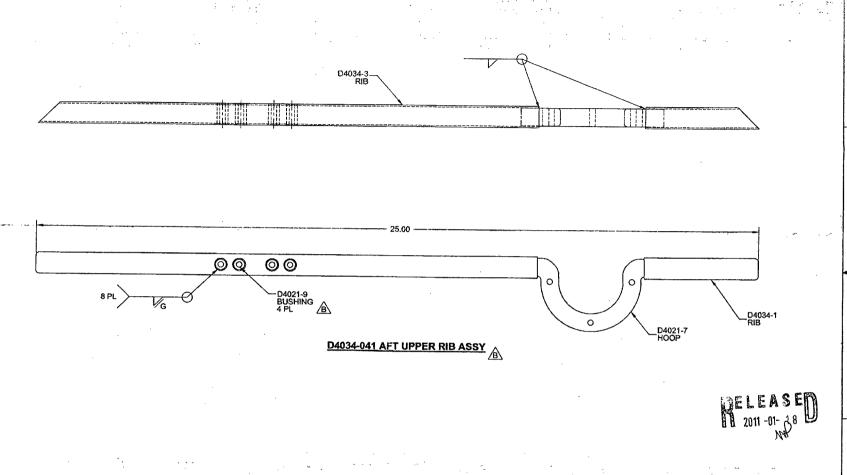
NCR:	Yes	1	No
INCK.	162	/	INO

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA:	Date	

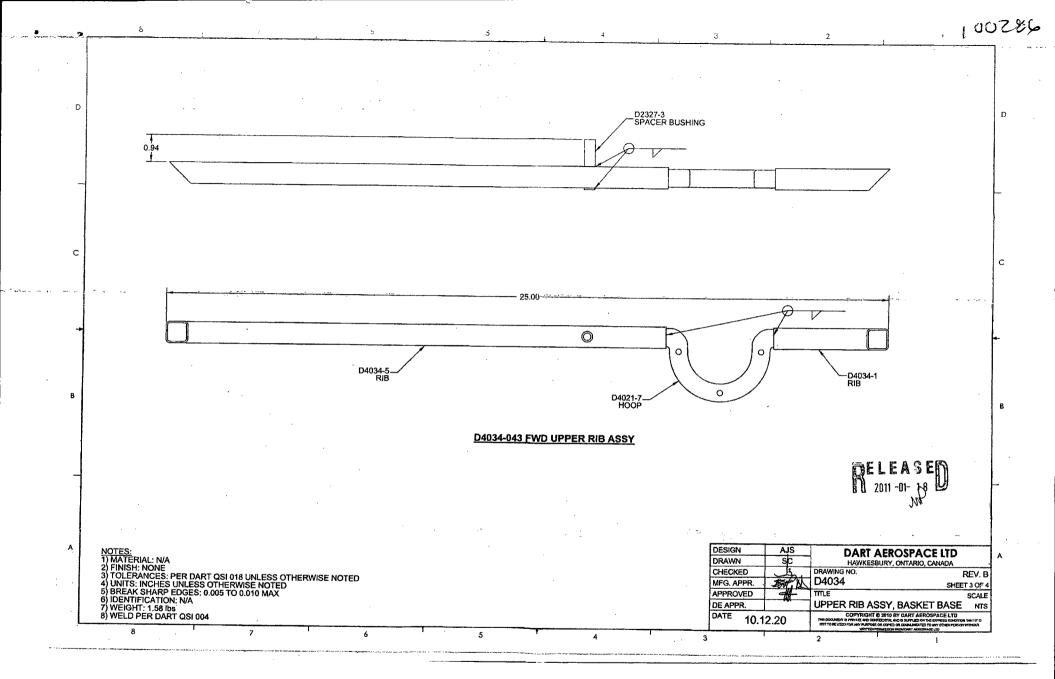
	,								QA Closed:	Date:				
Work Orde	ar:				DISPOSITION		AGAINST DEPARTMENT/PROCESS							
	,		<u> </u>		Rework	]	Skid-tube Crosstube			Water Jet d. Eng. Coor.	Engineering			
Part N	No			·	Scrap	4 1	Machining	Small Fab Finishing	}	Quality				
NCR N	No				Use-as-is Work Order Update	Therr	noforming Large Fab	Composite Supplier Supplier			Other			
Root				Descri	ption of work order update	Initial	Act	tion	Sign &					
Cause	Date	Step	Qty		or Non-conformance	Chief Eng	Desc	ription	Date	Verification	QC Inspector			
Doc/Data														
Equip/Tooling														
Operator					•					] .				
Material							1		}					
Setup									i					
Other Process														
Supplier											. 1			
Training														
Unapproved														
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		· · · · · · ·	L	F.	AULT CATE	GORY							
Landi	ng Gear				General				_		<b></b>			
	Bending	1			Bend	Grain			Ovalized		Pressure/Forced			
	Centre No	ot Conce	ntric to	o/s [	BOM/Route	Hardwa	are	<u> </u>	Over/Under	tolerance	Temperature/Cure			
	Cracks				Broken/Damaged	Inspect	ion Incomplete		Part Incorre	ct	Weld			
	Crushed/	Crimped			Burrs	Instruc	tions Incomplete/	Unclear	Part Lost/M	issing	Wrong Stock Pulled			
	Cuffs	1		L	Contamination	Mainte	enance		Part Moved					
	Heat Trea	it			Countersink	Mislab	eled		Positioned \		_			
	Inspectio	n Strip ir	Tube		Cut Too Short	Misrea	d		Power Loss/	/Surge	Other			
	Ripples in	- 1			Drill Holes	Offset								
	Torque W	aves in	Extrusio	n _	Drawing	Out of	Calibration							
	Turning S	equence	į		Finish	Out of	Sequence							
Wave/Twist in Tube					Folio	Outside	Outside Dimensions							





С

DESIGN	AJS	DART AEROSPACE LTD
DRAWN	sc	HAWKESBURY, ONTARIO, CANADA
CHECKED	113	DRAWING NO. REV. B
MFG. APPR.	Also	D4034 SHEET 2 OF 4
APPROVED	NAD,	TITLE SCALE
DE APPR.	<b>-</b> #	UPPER RIB ASSY, BASKET BASE NTS
DATE 10.	12.20	TOPYRIGHT © 2010 BY DART AEROSPACE LTD  THE DECAMENT IS NEWATE AND ORD EIGHT AND D ARFALD ON THE EIGHT SO ORDINATED THAT IT IS  SET TO BE UTED PRAY AFT AND OLD ORDINATED OF COLORADOR TO DAMY OTHER PRECISE HTTMSUT



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